

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) Apparatus for the ultrasonic treatment of tissue, including:
 - a housing having a space therewithin and an opening adapted for placement against the tissue, the housing being adapted for introducing liquid therein such that when so placed, the space is filled with liquid; and
 - an ultrasonic power source that introduces ultrasonic vibrations toward the damaged tissue, said vibrations having a frequency and power level sufficient to produce cavitation of the liquid at or near the surface of the tissue.
2. (Original) Apparatus according to claim 1, wherein the opening comprises a sealing element that provides a seal at the tissue.
3. (Original) Apparatus according to claim 2, wherein the seal includes a flexible element.
4. (Original) Apparatus according to claim 2, wherein the seal includes an outwardly protruding portion that is placed to contact the tissue surface.
5. (Original) Apparatus according to claim 3, wherein the seal includes an outwardly protruding portion that is placed to contact the tissue surface.
6. (Original) Apparatus according to claim 2, wherein the seal includes an inwardly protruding portion that is placed to contact the tissue surface.
7. (Original) Apparatus according to claim 3, wherein the seal includes an inwardly protruding portion that is placed to contact the tissue surface.
8. (Currently amended) Apparatus according to ~~any of the preceding claims~~ claim 1, wherein the ultrasonic power source includes a piezoelectric transducer.

9.-27. (Cancelled)

28. (Original) A method for treating tissue, including:
providing a liquid in contact with a surface of the tissue; and
causing ultrasonic vibrations in the liquid to an extent that cavitation is caused
at least at or near the surface of the tissue.

29. (Original) A method according to claim 28, wherein the frequency of the ultrasonic
vibrations is not more than 80 kHz.

30. (Original) A method according to claim 28, including producing a fluid current moving
through the liquid, the current allowing for the removal of debris from the tissue surface.

31. (Original) A method according to claim 29, including producing a fluid current moving
through the liquid, the current allowing for the removal of debris from the tissue surface.

32. (Cancelled)

33. (Original) A method of applying ultrasound to a surface of a patient, comprising:
providing a housing having an opening at one portion thereof and having a
source of acoustic energy at a portion of an inner surface thereof;
placing the opening at the patient surface, to form a substantially closed
volume in the housing;
filling the volume with liquid, so that all air is removed therefrom; and
activating the source of acoustic energy.

34. (Original) A method according to claim 33 wherein the activation of the source causes the
source to produce sufficient energy to cause cavitation at the patient surface.